

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of

Matsuyama et al.

Serial No.: 09/533,075

Group Art Unit: 2871

Filed: March 22, 2000

Examiner: Ngo, H.

For: A LIQUID CRYSTAL DISPLAY HAVING AN APERTURE IN A PIXEL  
ELECTRODE ALONG A BOUNDARY OF DIFFERENTLY ORIENTED REGIONS

Assistant Commissioner of Patents  
Washington, D.C. 20231

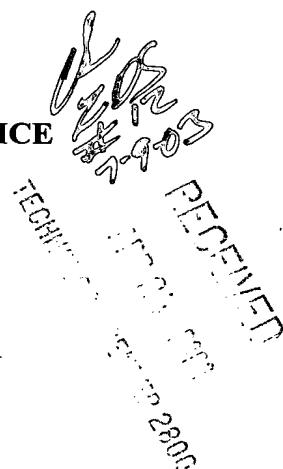
**INFORMATION DISCLOSURE STATEMENT**

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicant respectfully brings the following documents cited in the Japanese Office Action and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner. It is noted that the U.S. Patent references are counterpart Applications to some of the cited Japanese references, and are being submitted herewith for the Examiner's convenience. Further, English Abstracts are attached to most of the references.

In compliance with the requirements of 37 CFR §1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a translation of portions of an official action by a foreign examiner in which the references were cited. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application on the same subject matter. However, no independent analysis of the references, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of that country or the United States relative to the subject matter claimed in the present application has been made, the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted herewith.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

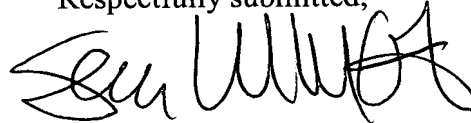


I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of that item by a foreign patent office in a counterpart foreign application, which occurred not more than three months prior to the filing of this statement.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Sean McGinn', with a stylized flourish at the end.

Sean M. McGinn

Registration No. 34,386

Date: April 23, 2003

McGinn & Gibb, PLLC

Intellectual Property Law

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

80184/99

SERIAL NO.

09/533,075

APPLICANT(S)

Matsuyama et al.

FILING DATE

March 22, 2000

GROUP

2871

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,136,407	08/04/92	Clerc			
	5,729,230	03/17/98	Jensen et al.			
	5,912,717	06/15/99	Sugiyama et al.			
	6,191,836 B1	02/20/01	Woo et al.			

## FOREIGN PATENT DOCUMENTS

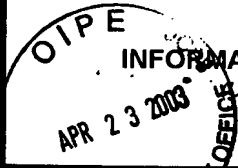
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	3-259121	11/19/91	JAPAN			ABS	
	6-194656	07/15/94	JAPAN			ABS	
	9-211468	08/15/97	JAPAN			ABS	
	10-505479	05/26/98	JAPAN				
	10-142608	05/29/98	JAPAN			ABS	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p> </div>	ATTY DOCKET NO. <div style="text-align: center;"><b>80184/99</b></div>	SERIAL NO. <div style="text-align: center;"><b>09/533,075</b></div>
	APPLICANT(S) <div style="text-align: center;"><b>Matsuyama et al.</b></div>	
	FILING DATE <div style="text-align: center;"><b>March 22, 2000</b></div>	GROUP <div style="text-align: center;"><b>2871</b></div>

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		<b>11-142854</b>	<b>05/28/99</b>	<b>JAPAN</b>			<b>ABS</b>	
		<b>2000-155317</b>	<b>06/06/00</b>	<b>JAPAN</b>			<b>ABS</b>	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

			Japanese Office Action dated January 28, 2003 with partial English translation.

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.